

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant (s)

10/664,677

Confirmation No. 4103

Filed

David D. Graf, et al. September 18, 2003

TC/A.U.

1713

Examiner

Robert D. Harlan

Docket No. Customer No. 61526B 00109

> I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL WITH SUFFICIENT POSTAGE IN AN ENVELOPE

ADDRESSED TO: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, ON:

April 11, 2005

DATE OF DEPOSIT

Melissa Van Meter

PRINT OR TYPE NAME OF PERSON SIGNING CERTIFICATE

De Van heter SIGNATURE OF PERSON SIGNING CERTIFICATE

DATE OF SIGNATURE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

TERMINAL DISCLAIMER

The undersigned registered patent attorney or agent states that:

- **(1)** The undersigned is an attorney or agent of record in Application Serial No. 10/664,677, filed on September 18, 2003, for "LOW MOLECULAR WEIGHT ETHYLENE INTERPOLYMERS AND POLYMERIZATION PROCESS" (the Present Application).
- (2) The undersigned has reviewed the evidentiary assignment documents and, to his/her best knowledge and belief, Dow Global Technologies Inc., a Delaware corporation, is the sole and common assignee of the following patent properties:

(a)	The Present Application
-----	-------------------------

[[]]	The true copi	es of the assignment documents	are recorded	at reel
	. frame			

[X] The true copies of the original assignment documents have been submitted to Assignment Branch for recording. A copy of the assignment document(s) is submitted with this Disclaimer.

61526B

Page 1 of 2

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34/15/2005 MAHMED1 00000037 041512

Appln. No. 10/664,677 Amendment dated April 11, 2005 Reply to Office Action of February 10, 2005

(b) U.S. Patent No. 6,825,147 B2:

[X] The true copies of the original assignment documents are recorded a	ìt
reel <u>015281</u> , frame <u>0834</u> .	

[] The true copy of the original assignment documents have been submitted to Assignment Branch for recording. A copy of the assignment document(s) is submitted with this Disclaimer.

- On behalf of the assignee, the undersigned disclaims the terminal part of any patent granted on the Present Application which would extend beyond the full statutory term of U.S. Patent No. 6,825,147 B2 and hereby agrees that any patent so granted on the above-identified application shall be enforceable only for and during such period that the legal title to said patent shall be the same as the legal title to U.S. Patent No. 6,825,147 B2. This agreement runs with any patent granted on the Present Application and is binding upon the grantee, its successors or assigns.
- The undersigned does not disclaim any terminal part of any patent granted on the Present Application prior to the expiration date of the full statutory term of U.S. Patent No. 6,825,147 B2 in the event that U.S. Patent No. 6,825,147 B2 later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, or otherwise expires or is terminated prior to the expiration of its full statutory term, except for the separation of legal title stated above.
- (5) Please charge \$110.00 to our Deposit Account No. 04-1512. If this estimate is incorrect, please charge or credit our account accordingly. One copy of this sheet is enclosed.

 Respectfully submitted,

Douglas N. Deline Registration No. 29,146 Phone: 989-636-2938

P. O. Box 1967 Midland, MI 48641-1967

DND/mlv



Confirmation Receipt

Your assignment has been received by the USPTO. The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
David D. Graf	11/18/2003
Jerzy Klosin	11/17/2003
Peter N. Nickias	11/18/2003
Ravi B. Shankar	11/10/2003
Jorge Soto	11/14/2003
Daviel D. Vanderlende	11/10/2003

RECEIVING PARTY DATA

Postal Code:	48674
State/Country:	MICHIGAN
City:	Midland
Internal Address:	1790 Building
	Washington Street
Name:	Dow Global Technologies Inc.

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10664677

CORRESPONDENCE DATA

Fax Number:

(989)636-3237

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

http://epas.uspto.gov/com/receipt.jsp?iname=L2GX0OG2SKYH-3276

Em ail:

989-636-1954

Correspondent Name:

CSRohde@dow.com Crystal Rohde

4/11/2005

Address Line 1: The Dow Chemical Company Address Line 2: 1790 Building; Washington Street Address Line 4: Midland, MICHIGAN 48674		
NAME OF SUBMITTER:	Crystal S. Rohde	
Signature:	/Crystal S. Rohde/	
Date:	04/11/2005	
Total Attachments: 5 source=61526B DGTI#page1.tif source=61526B DGTI#page2.tif source=61526B DGTI#page3.tif source=61526B DGTI#page4.tif source=61526B DGTI#page5.tif		
RECEIPT INFORMATION		
EPAS ID: PAT29083 Receipt Date: 04/11/2005 Fee Amount: \$40		

Rohde, Crystal (CS)

From: Sent:

EPAS Server [epas-server@uspto.gov]

Monday, April 11, 2005 2:42 PM

To:

Rohde, Crystal (CS)

Subject:

Assignment confirmation receipt ID:PAT2908

Information Classification:

DOW RESTRICTED - For internal use only



ELECTRONIC PATENT ASSIGNMENT SYSTEM (EPAS) CONFIRMATION RECEIPT

The USPTO has received a Patent Assignment submitted through the Electronic Patent Assignment System (EPAS). This is the only acknowledgement of receipt that will be transmitted for this EPAS submission. The submission may not be recalled.

After review by Assignment Services Division personnel a Notice of Recordation/Non-Recordation will be returned via fax. USPTO will attempt to fax to the number provided in the submission; fax failures will be delivered via US Postal Service to the Correspondence Address provided in the submission.

If a communication from the Assignment Services Division has not been received within 60 days of your confirmation receipt contact the Assignment Services Division Customer Service Desk at 703-308-9723 or send an e-mail to epas@uspto.gov.

If you have a technical question, comment or concern about your EPAS submission call 703-308-9723 during business hours or e-mail to epas@uspto.gov. Please have your EPAS receipt ID which is 'EASPAT29084' available when calling or writing for assistance.

A printable version of the Confirmation Receipt is attached to this e-mail.

Electronic Assignment Server at http://epas.uspto.gov

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date

FORM 110 (R 5/97)

Docket Ref. 61526B css

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (WITH PRIORITY RIGHTS)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled:

LOW MOLECULAR WEIGHT ETHYLENE INTERPOLYMERS AND POLYMERIZATION PROCESS

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we, by virtue of my/our employee agreement(s) and contractual agreement(s) between our employer(s) and Dow Global Technologies Inc., hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for Dow Global Technologies Inc. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work from my/our employer, I/we sell, assign and transfer unto:

> DOW GLOBAL TECHNOLOGIES INC. Washington Street 1790 Building Midland, Michigan 48674 United States of America

a corporation organized and existing under the laws of the State of DELAWARE, U.S.A. (hereinafter referred to as the

my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications,

Subscribed

At: Midland, Michigan 48674 USA

this I Viv day	of Navember 2003	l tt	
Effective as of September 18, 2003			
1	(10)		
Signature:	Jal N. Sell	S	
Full Name:	David D. Graf	F	
Residence:	5408 Fairway Place	R	
	Midland, Michigan 48640		
Country:	United States of America	llo	
Citizenship:	United States of America	lc	
P. O. Address:	Same as Residence	P	
Employed By:	The Dow Chemical Company	E	
Of Country:	United States of America	C	
At: Midland, Michigan 48674 USA			
At: Midiand, N	Aichigan 48674 USA	A	
this to day	of Works ,2003	tl	
this 18 day			
this 18 day	of Wornten , 20 03	tl	
this the day Effective as of S	of Words , 20 0 3 September 18, 2003	tl E	
this the day Effective as of S	of Worth , 2003 September 18, 2003 Pute Mulus	tl E S	
this the day Effective as of S Signature: Full Name:	September 18, 2003 Peter N. Nickias 2705 Mt. Vernon Court	tl E S F	
this the day Effective as of S Signature: Full Name:	of Worth, 2003 Geptember 18, 2003 Putu Mulun Peter N. Nickias	tl E S F	
this the day Effective as of S Signature: Full Name: Residence:	September 18, 2003 Peter N. Nickias 2705 Mt. Vernon Court Midland, Michigan 48642	th E S F R	
this the day Effective as of S Signature: Full Name: Residence: Country:	September 18, 2003 Peter N. Nickias 2705 Mt. Vernon Court Midland, Michigan 48642 United States of America	th E S F R	
this the day Effective as of Signature: Full Name: Residence: Country: Citizenship:	Peter N. Nickias 2705 Mt. Vernon Court Midland, Michigan 48642 United States of America United States of America	th E S F R	

At: Midland, Michigan 48674 USA		
this 17 day of Novembe ,2003		
Effective as of September 18, 2003		
	1/2.11	
Signature:	eye	
Full Name:	Jerzy Klosin	
Residence:	2209 Parkwood D rive	
	Midland, Michigan 48640	
Country:	United States of America	
Citizenship:	Poland	
	Same as Residence	
Employed By:	The Dow Chemical Company	
Of Country:	United States of America	
At: Midland, Michigan 48674 USA		
this <u>[]</u> day	of November 2003	
this <u>[]</u> day		
this <u>[]</u> day	of November 2003	
this <u>IA</u> day Effective as of	of November 2003 September 18, 2003	
this <u>IA</u> day Effective as of Signature:	of November 2003 September 18, 2003 Rum B. Shankar	
this <u>IA</u> day Effective as of Signature: Full Name:	September 18, 2003 Ravi B. Shankar	
this <u>IA</u> day Effective as of Signature: Full Name:	September 18, 2003 September 18, 2003 Ravi B. Shankar 408 Scenic Drive	
this IA day Effective as of Signature: Full Name: Residence:	of November , 2003 September 18, 2003 Ravi B. Shankar 408 Scenic Drive Midland, Michigan 48642	
this IA day Effective as of Signature: Full Name: Residence: Country:	of November 2003 September 18, 2003 Ravi B. Shankar 408 Scenic Drive Midland, Michigan 48642 United States of America United States of America	
this IA day Effective as of Signature: Full Name: Residence: Country: Citizenship:	September 18, 2003 Ravi B. Shankar 408 Scenic Drive Midland, Michigan 48642 United States of America United States of America	

This Assignment 113 is in the ENGLISH language and has the same meaning in other languages with the same 113 number and R/Date

FORM 113

Page two of two

Docket Ref. 61526B css

Additional names, addresses and signatures to be attached to Form No. 110 Entitled: INDIVIDUAL ASSIGNMENT AND INVENTORS DECLARATION

At: Midland, Michigan 48674 USA this 14 day of NOVEMARY 2003 Signature: Full Name: Jorge Soto Residence: 1101 Whispering Oak Drive Midland, Michigan 48642 Country: United States of America Citizenship: United States of America P. O. Address: Same as Residence Employed By: The Dow Chemical Company Of Country: United States of America	At: Freeport, Texas 77541 USA this 10 day of 10 de 20 20 20 Effective as of September 18, 2003 Signature: Daniel D. VanderLende Residence: 5003 Kingsland Court Sugar Land, Texas 77479 Country: United States of America Citizenship: United States of America Same as Residence Employed By: Of Country: United States of America United States of America Same as Residence United States of America United States of America
At: this day of Signature: Full Name:	At:
Residence: Country: Citizenship: P. O. Address: Employed By: Of Country:	Residence: Country: Citizenship: P. O. Address: Employed By: Of Country:
At: this day of 20	At:
Signature: Full Name: Residence: Country: Citizenship: P. O. Address: Employed By: Of Country:	Signature:Full Name: Residence: Country: Citizenship: P. O. Address: Employed By:
At: this day of 20	At:
Signature:Full Name: Residence:	Signature: Full Name: Residence:
Country: Citizenship: P. O. Address: Employed By: Of Country:	Country: Citizenship: P. O. Address: Employed By: Of Country:

FORM 222

NOTARIAL CERTIFICATE (INDIVIDUAL)

Docket Ref. 61526B css page 1

UNITED STATES OF AMERICA) STATE OF MICHIGAN) County/Parish of Midland)	SS
On this $\frac{1}{\sqrt{2}}$ day of $\frac{1}{\sqrt{2}}$ before me,	
	David D. Graf The individual described in and who executed the edged the same as a free act and deed for uses and
	Coula & Samu
SEAL	Notary Public
CS S	Carla S. Samuel Notary Public, Bay County, Michigan Acting in Midland County, Michigan My Commission Expires October 10, 2005
NOTARIAL	CERTIFICATE (INDIVIDUAL)
UNITED STATES OF AMERICA STATE OF WEST VIRGINIA County/Parish of (analy)	
On this 24th day of Octobefore me,	, 20, personally appeared
foregoing document and acknowled purposes therein expressed. SEAL SEAL STATE NITTO	Timothy A. Herzog the individual described in and who executed the tedged the same as a free act and deed for uses and the same as a free act and deed for u
NOTARIAL	CERTIFICATE (INDIVIDUAL)
UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Midland)) SS)
On this <u>17</u> day of <u>1000</u> pefore me,	
	Jerzy Klosin ne individual described in and who executed the edged the same as a free act and deed for uses and
pur posos morem capresseu.	Carla D. Samuel
SEAL	Notary Public

Carla S. Samuel
Notary Public, Bay County, Michigan
Acting in Midland County, Michigan
My Commission Expires October 10, 2005

FORM 222

This Assignment 222 is in the ENGLISH language and has the same meaning in other languages with the same 222 number and R/Date

NOTARIAL CERTIFICATE (INDIVIDUAL)

Docket Ref. 61526B css page 2

· •		· (
UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Midland)) SS)	
On this 18th day of 1 before me,		, 20 <u>03</u> , personally appeared
		nas ribed in and who executed the s a free act and deed for uses and
SEAL		Notary Public, Midland County, Michigan My Commission Expires September 16 500
NOTARIA	AL CERTIFICATE	(INDIVIDUAL)
UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Midland))	
On this 14 day of 100 before me,		, 20 <u>03</u> , personally appeared
		kar ribed in and who executed the sa free act and deed for uses and
		Heuse Righ Van heter
		Melissa Leigh Varmeter Notary Public, Midland County, Michigan My Commission Expires February 6, 2007
NOTARIA	al certificate	(INDIVIDUAL)
UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Midland)) SS)	
On this $\frac{14}{100}$ day of $\frac{100}{100}$, 20 <u>03</u> , personally appeared
		ribed in and who executed the a free act and deed for uses and
STAL	<u>V</u>	Allessee Leigh Vien huser
		Melissa Leigh Vanmeter

Notary Public, Midland County, Michigan My Commission Expires February 6, 2007

his Assignment 221 is in the ENGLISH language and has the same meaning in other languages with the same 221 number and R/Date

FORM 221

Docket Ref. 61526B css

NOTARIAL CERTIFICATE (INDIVIDUAL)

NITED STATES OF AMERICA)
TATE OF TEXAS) SS
ounty/Parish of Brazoria)
on this 10 th day of Moreigh Hell, 20 <u>03</u> , personally appeared efore me,
Daniel D. VanderLende
nown or identified to me to be the individual described in and who executed the pregoing document and acknowledged the same as a free act and deed for uses and urposes therein expressed. Notary Public Notary Public
NOTARIAL CERTIFICATE (INDIVIDUAL)
NITED STATES OF AMERICA) TATE OF TEXAS) SS ounty/Parish of Brangers)
on this 31 day of October 2003, personally appeared efore me,
nown or identified to me to be the individual described in and who executed the pregoing document and acknowledged the same as a free act and deed for uses and urposes therein expressed.

SEAL



Notary Public



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PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

Stylesheet Version	V1.1			
SUBMISSION TY	PE: NEW ASSIGNMENT			
NATURE OF COM	NVEYANCI	E:	ASSIGNMENT	
CONVEYING PA	RTY DATA	•		
	 	Na	me	Execution Date
The Dow Chemical	l Company			10/08/2004
RECEIVING PAR	TY DATA			
Name:	Dow Globa	l Tecl	hnologies Inc.	
Street Address:	Washington			
Internal Address:	1790 Build	ing		
City:	Midland			
State/Country:	MICHIGAN			
Postal Code:	48674			
PROPERTY NUMBERS Total: 1 Property Type Number				
Application Numl				
CORRESPONDENCE DATA				
Fax Number: Correspondence will be see Phone: Em ail: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	989-636- CSRohde Crystal R The Dow 1790 Bui	when th 1954 @dow.c ohde Chemic kling; W	the fax attempt is unsuccessful. com cal Company Vashington Street IGAN 48674	
NAME OF SUBMITTER: Crystal S. Rohde				
Signature:	gnature: /Crystal S. Rohde/			
			1r	

Total Attachments: 3
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source=61526B DOW TO DGTI#page2.tif
source=61526B DOW TO DGTI#page3.tif

RECEIPT INFORMATION

EPAS ID: PAT29084
Receipt Date: 04/11/2005
Fee Amount: \$40

Rohde, Crystal (CS)

From:

EPAS Server [epas-server@uspto.gov]

Sent:

Monday, April 11, 2005 2:46 PM

To:

Rohde, Crystal (CS)

Subject:

Assignment confirmation receipt ID:PAT29085

Information Classification:

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A printable version of the Confirmation Receipt is attached to this e-mail.

Electronic Assignment Server at http://epas.uspto.gov

\$\\ 440\\$ 44

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

FORM 440

ASSIGNMENT

(with Priority Rights)

INVENTORSHIP DECLARATION

We, ASSIGNOR, of:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

a corporation organized and existing under the laws of the State of Delaware, United States of America do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Carlos G. Ortiz, 1015 Eberhard Street, Houston, Texas 77019, United States of America

of an invention relating to and entitled:

LOW MOLECULAR WEIGHT ETHYLENE INTERPOLYMERS AND POLYMERIZATION PROCESS

We do hereby declare, for good and valuable consideration assign, and transfer unto:

received, sell,

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC.

Washington Street 1790 Building

Midland, Michigan 48674

UNITED STATES OF AMERICA

and interest throughout th	and existing under the laws of the State of Delaware, United States of American our entire right, title e world, in and to the invention and all rights and powers to make application four Letters Patent in its
	of its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute
	sponding applications in any and all countries, including all rights to claim priority under all
	and Treaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the
-	664,677 and Filing Date September 18, 2003
in <u>United States</u>	
	ch the priority will be based; and in and to any Letters Patent that may be issued for said invention in
	we do hereby agree to assist said Assignee in the prosecution of the said applications and in any
	osition or litigation which may arise involving said invention or the patent or patents thereon, and to
	ional, continuing or substitute application and assent to their making any applications in other
	the above and below specifically identified application, as may be requested by said Assignee; and
	id Assignee to insert here the
	on Noand Filing Date
of the company ding and	insting in any country where that metast appropriate provides a stand for according to the country of the count
we do hereby authorize ar to the recordal of this Ass	ication in any country where that patent property must be entered for recordal of this Assignment; and defended that any such Letters Patent be issued to said Assignee in accordance therewith, and consent ignment being under covenant, not only that we have full power to make the same, but also that such cumbered by any grant, license, or other right heretofore given.
Subscribed and Sworn by	us at Midland, Michigan 48674, USA
this day of	October 2004
	THE DOW CHEMICAL COMPANY
CORP.	5.1 A A A A.
SEAL	By: Michael & Flew
	MICHÀEL L. GLENN
	Authorized Representative

Attach Notarial Certificate (Corporation)

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number. FORM 550

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AN	MERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)
known or identified to me to be and acknowledged the same as	, 2004, personally appeared LENN, Authorized Representative, the individual described in and who executed the foregoing document a free act and deed for uses and purposes therein expressed by authority atted under the laws of the State of Delaware, United States of
I further certify that said author	ity, dated February 13, 2003, is based on
A Resolution of the Board of	Directors of the said Corporation,
foregoing document on behalf of	ne said individual Attorney-in-fact with full power to sign the of the said corporation and that the purposes for which said document is the objects or activities of said corporation.
SEAL	Que Verteer Notary Public
	Ann Heritier Notary Public, Bay County, Michigan Acting in Midland County My Commission Expires December 03, 2006

WE, the ASSIGNEE:

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

FORM 660

ASSIGNEE ACCEPTANCE

DOW GLOBAL TECHNOLOGIES INC.

	Washington Street 1790 Building Midland, Michigan 48674 UNITED STATES OF AMERICA
hereby accept the ASSIG	NMENT attached hereto which is dated: October 8, 2004
From, the ASSIGNOR:	THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 UNITED STATES OF AMERICA
of the invention entitled:	
LOW MOLECULAR W PROCESS	EIGHT ETHYLENE INTERPOLYMERS AND POLYMERIZATION
	nd with all rights and obligations deriving therefrom and declare that this e shall be deemed a part of the said ASSIGNMENT.
Signed at Midlan	d, Michigan 48674, USA
this <u>12</u> day of _	October, 2004
CORP. SEAL	By: Moreen Dimarrick NOREEN D. WARRICK
	Secretary
NOTA	RIAL CERTIFICATE (Corporation)
UNITED STATES O STATE OF MICHIG County/Parish of Mic	AN SS
known or identified to me and acknowledged the sar	of October, 2004, personally appeared D. WARRICK, Secretary, to be the individual described in and who executed the foregoing document me as a free act and deed for uses and purposes therein expressed by authority corporated under the laws of the State of Delaware, United States of
further certify that said a	authority, dated February 11, 2002, is based on
an Authorization Policy	of the said Corporation,
foregoing document on be	ting the said individual Attorney-in-fact with full power to sign the chalf of the said corporation and that the purposes for which said document is pe of the objects or activities of said corporation.
SEAL	Notary Public

Ann Heritier
Notary Public, Bay County, Michigan
Acting in Midiand County
My Commission Expires December 03, 2006



Confirmation Receipt

Your assignment has been received by the USPTO. The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

Stylesheet Version	v1.1			
SUBMISSION TY	PE: NEW ASSIGNMENT			
NATURE OF CON	IVEYANCE	: ASSIGNMENT		
CONVEYING PAI	RTY DATA			
		Name	Execution Date	
Timothy A. Herzog	}		10/24/2003	
RECEIVING PAR				
Name:		ide Chemicals & Plastics Technology Corp	oration	
Street Address:		39 Old Ridgebury Road		
City: State/Country:	Danbury			
	CONNECTICUT			
rostar Code:	Postal Code: 06817-0001			
PROPERTY NUM	PROPERTY NUMBERS Total: 1			
Property T	Property Type Number			
Application Numl	pplication Number: 10664677			
CORRESPONDENCE DATA				
Fax Number: (989)636-3237 Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Phone: 989-636-1954 Email: CSRohde@dow.com Correspondent Name: Crystal Rohde Address Line 1: The Dow Chemical Company Address Line 2: 1790 Building; Washington Street Address Line 4: Midland, MICHIGAN 48674				
NAME OF SUBMI	NAME OF SUBMITTER: Crystal S. Rohde			
Signature:	Signature: /Crystal S. Rohde/			
1		······································		

Date:	04/11/2005		
Total Attachments: 2 source=61526B UCCPTC#page1.tif source=61526B UCCPTC#page2.tif			
RECEIPT INFORMATION	ſ		
EPAS ID: Receipt Date: Fee Amount:	PAT29085 04/11/2005 \$40		

Rohde, Crystal (CS)

From:

EPAS Server [epas-server@uspto.gov]

Sent:

Monday, April 11, 2005 2:49 PM

To:

Rohde, Crystal (CS)

Subject:

Assignment confirmation receipt ID:PAT29086

Information Classification:

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ELECTRONIC PATENT ASSIGNMENT SYSTEM (EPAS) CONFIRMATION RECEIPT

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Electronic Assignment Server at http://epas.uspto.gov

FORM 110 (R 5/97)

Docket Ref. 61526B ess

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (WITH PRIORITY RIGHTS)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled:

LOW MOLECULAR WEIGHT ETHYLENE INTERPOLYMERS AND POLYMERIZATION PROCESS

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we, by virtue of my/our employee agreement(s) and contractual agreement(s) between our employer(s) and Union Carbide Chemicals & Plastics Technology Corporation, hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for Union Carbide Chemicals & Plastics Technology Corporation. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work from my/our employer, I/we sell, assign and transfer unto:

> UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION 39 Old Ridgebury Road Danbury, Connecticut 06817-0001 United States of America

orporation organized and existing under the laws of the State of DELAWARE, U.S.A. (hereinafter referred to as the

"Assignee");	ic of DELAWARE, C.S.A. (Incremants) referred to as the
	and an after transmitters and affective and account of the state of
	nd to the invention and all rights and powers to make applications,
	etters Patent in its own name, or in the name of its designee (or
	g or equivalent applications in any and all countries, including all
	sternational Convention(s) and Treaties in the name of Assignee,
and do hereby authorize Assignee or its designee to insert here t	
Application No. 10/664,677 Filing Date Sept	tember 18, 2003
in country the United States of America	The Property of the Property o
of the application, on which the claim for priority will be based;	
invention in any and all countries. I/we do hereby agree to assis	
interference, conflict, opposition or litigation which may arise in	avolving the invention or the patent or patents thereon, and to
	cations derived from, corresponding to or equivalent to the above
	eby authorize Assignee or its designee (or nominee(s)) to insert
here any corresponding equivalent	n
Application NoFiling L	Date
in country	ntry's patent property must be identified and entered hereinabove
to the above Friority application of any country where that coun	ntry's patent property must be identified and entered hereimabove
	designee to translate this Assignment into all languages necessary;
, ,	e; and consent to the recordal of this Assignment, or a Notarial
	e full power to make the same, but also that such assigned rights
are not encumbered by any grant, license, or other right heretofo	ore given.
Subscribed and Declared by me/us:	
Color Charles Color Colo	
At: South Charleston, WV	At:
this this day of the , 2003	this day of, 20
Effective as of September 18, 2003	
Signature: V	Signature:
Full Name: Timothy A. Herzog	Full Name:
Residence: 754 Echo Road	Residence:
South Charleston, West Virginia 25303	
Country: United States of America	Country:
Citizenship: United States of America	Citizenship:
P. O. Address: Same as Residence	P. O. Address:
Employed By: Union Carbide Corporation	: 1
Of Country: United States of America	Employed By:
Of Country. Office States of America	Of Country:
At:	At:
this day of , 20	this day of, 20
Signature:	Signature:
Full Name:	Full Name:
Residence:	Residence:
Residence.	Residence:
Country	
Country:	Country:
Citizenship:	Citizenship:
P. O. Address:	P. O. Address:
Employed By:	Employed By:
Of Country:	Of Country:

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

UNION CARBIDE CHEMICALS & PLASTICS

TECHNOLOGY CORPORATION

39 Old Ridgebury Road

Danbury, Connecticut 06817-0001 UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: October 24, 2003

From, the ASSIGNOR:

Timothy A. Herzog, 754 Echo Road, South Charleston, West Virginia 25303,

United States of America

of the invention entitled:

LOW MOLECULAR WEIGHT PROCESS	ETHYLENE INTERPOLYMERS AND POLYMERIATION
	all rights and obligations deriving therefrom and declare that this be deemed a part of the said ASSIGNMENT.
Signed at <u>Midland, Mich</u> this <u></u> day of <u>OC</u>	igan 48674, U.S.A. bler, 2004
	UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION
CORP. SEAL	CHARLES I MAURER III
·. ·	Secretary
NOTARIAI	CERTIFICATE (Corporation)
UNITED STATES OF AMI	ERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)
On this day of(before me, CHARLES J. MAU	October , 2004 , personally appeared
known or identified to me to be the and acknowledged the same as a f	the individual described in and who executed the foregoing document free act and deed for uses and purposes therein expressed by authority ted under the laws of the State of Delaware, United States of
I further certify that said authority	, dated September 17, 2001, is based on
an authorization Policy of the sa	aid Corporation,
foregoing document on behalf of	said individual Attorney-in-fact with full power to sign the the said corporation and that the purposes for which said document is e objects or activities of said corporation.
	Clan Derition
SEAL	Notary Public
	Ann Heritier

Notary Public, Bay County, Michigan Acting in Midland County My Commission Expires December 03, 2006



Confirmation Receipt

Your assignment has been received by the USPTO.
The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Union Carbide Chemicals & Plastics Technology Corporation	10/08/2004

RECEIVING PARTY DATA

Name:	Dow Global Technologies Inc.				
Street Address:	Washington Street				
Internal Address:	1790 Building				
City:	Midland				
State/Country:	MICHIGAN				
Postal Code:	48674				

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10664677

CORRESPONDENCE DATA

Fax Number:

(989)636-3237

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: Em ail: 989-636-1954

Email:

CSRohde@dow.com

Correspondent Name: Address Line 1: Crystal Rohde
The Dow Chemical Company

Address Line 2:

1790 Building; Washington Street

Address Line 4:

Midland, MICHIGAN 48674

NAME OF SUBMITTER:

Crystal S. Rohde

Signature:

/Crystal S. Rohde/

Date:	04/11/20	05		
	2 CPTC TO DGTI#page1.tif CPTC TO DGTI#page2.tif		· .	
RECEIPT INFORM	IATION	*.		
EPAS ID: Receipt Date: Fee Amount:	PAT29086 04/11/2005 \$40	ulteg		

Rohde, Crystal (CS)

From:

EPAS Server [epas-server@uspto.gov]

Sent:

Monday, April 11, 2005 2:51 PM

To:

Rohde, Crystal (CS)

Subject:

Assignment confirmation receipt ID:PAT29087

Information Classification:

DOW RESTRICTED - For internal use only





ELECTRONIC PATENT ASSIGNMENT SYSTEM (EPAS) CONFIRMATION RECEIPT

The USPTO has received a Patent Assignment submitted through the Electronic Patent Assignment System (EPAS). This is the only acknowledgement of receipt that will be transmitted for this EPAS submission. The submission may not be recalled.

After review by Assignment Services Division personnel a Notice of Recordation/Non-Recordation will be returned via fax. USPTO will attempt to fax to the number provided in the submission; fax failures will be delivered via US Postal Service to the Correspondence Address provided in the submission.

If a communication from the Assignment Services Division has not been received within 60 days of your confirmation receipt contact the Assignment Services Division Customer Service Desk at 703-308-9723 or send an e-mail to epas@uspto.gov.

If you have a technical question, comment or concern about your EPAS submission call 703-308-9723 during business hours or e-mail to epas@uspto.gov. Please have your EPAS receipt ID which is 'EASPAT29087' available when calling or writing for assistance.

A printable version of the Confirmation Receipt is attached to this e-mail.

Electronic Assignment Server at http://epas.uspto.gov

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number. **FORM 440**

ASSIGNMENT

(with Priority Rights)

INVENTORSHIP DECLARATION

We, ASSIGNOR, of: UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION

39 Old Ridgebury Road

Danbury, Connecticut 06817-0001 UNITED STATES OF AMERICA

a corporation organized and existing under the laws of the State of Delaware, United States of America do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Timothy A. Herzog, 754 Echo Road, South Charleston, West Virginia 25303, United States of America of an invention relating to and entitled:

LOW MOLECULAR WEIGHT ETHYLENE INTERPOLYMERS AND POLYMERIATION **PROCESS**

We do hereby declare, for good and valuable consideration assign, and transfer unto:

received, sell,

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC.

Washington Street 1790 Building

Midland, Michigan 48674

UNITED STATES OF AMERICA

a corporation organized and existing under the laws of the State of Delaware, United States of America our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Patent in its own name, or in the name of its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute application and any corresponding applications in any and all countries, including all rights to claim priority under all International Conventions and Treaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the Priority Number
in United States of America
of the application on which the priority will be based; and in and to any Letters Patent that may be issued for said invention in any and all countries; and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to execute any reissue, divisional, continuing or substitute application and assent to their making any applications in other countries corresponding to the above and below specifically identified application, as may be requested by said Assignee; and we do hereby authorize said Assignee to insert here the Corresponding Application Noand Filing Date
of the corresponding application in any country where that patent property must be entered for recordal of this Assignment; and we do hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the recordal of this Assignment being under covenant, not only that we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.
Subscribed and Sworn by us at
this 8 day of October, 2004
UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION
CORP. SEAL By: Charles & Mooney #4
CHARLES J. MAURER III

Secretary

●660 ● 660

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC.

Washington Street 1790 Building

Midland, Michigan 48674

UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: October 8, 2004

From, the ASSIGNOR:

UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY

CORPORATION 39 Old Ridgebury Road Danbury, Connecticut 06817-0001 UNITED STATES OF AMERICA

of the invention entitled:

LOW MOLECULAR WEIGHT ETHYLENE INTERPOLYMERS AND POLYMERIATION PROCESS

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signe	d at	Midlan	nd, Michigan 48674, USA	
this _	12	_day of	October, 2004	
			DOW GLOBAL TECHNOLOGIES INC.	
	CORI	P.		
	SEAL	•	By: Moreon Dolarrick	
			NOREEN D. WARRICK	
			Secretary	

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA)	
STATE OF MICHIGAN)	SS
County/Parish of Midland)	
On this 12 day of Octobe	, 2004, personally appeared
before me, NOREEN D. WARRICK, Secre	etary,
known or identified to me to be the individual of	described in and who executed the foregoing document
	eed for uses and purposes therein expressed by authority
• •	laws of the State of Delaware, United States of
America.	

I further certify that said authority, dated February 11, 2002, is based on

an Authorization Policy of the said Corporation,

which I have seen, appointing the said individual Attorney-in-fact with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

Notary Public

Ann Heritier

Notary Public, Bay County, Michigan
Acting in Midland County

My Commission Expires December 03, 2006



Confirmation Receipt

Your assignment has been received by the USPTO.
The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CO	NVEYANCE:	ASSIGNMENT		
CONVEYING PA	RTY DATA			
		Name	Execution	Date
Carlos G. Ortiz			10/21/2003	
RECEIVING PAR	RTY DATA			
Name:		Elastomers L.L.C.		
Street Address:		e Corporate Center		
City:	Wilmington			
State/Country:	DELAWARE			
	-			<u>_</u>
Postal Code:	19809	P		<u> </u>
	19809 ABERS Totals		?F	
Postal Code: PROPERTY NUM	19809 1BERS Total	: 1)F	
PROPERTY NUM Property Tapplication Num CORRESPONDE	I 19809 I 1	Number 10664677 2237 then the fax attempt is unsuccessful. 234 23dow.com hde Chemical Company)F	
PROPERTY NUM Property 1 Application Num CORRESPONDE Fax Number: Correspondence will be a Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	I 19809 I 1	Nambe Nambe 10664677 2237 then the fax attempt is unsuccessful. 254 264 264 264 2654 2654 2655 2655 2655 2656 2657 2	Pr -	
PROPERTY NUM Property Table 1: Application Num CORRESPONDE Fax Number: Correspondence will be a phone: Email: Correspondent Name: Address Line 1: Address Line 2:	I 19809 I 1	Number 10664677 2237 then the fax attempt is unsuccessful. 2364 23dow.com hde Chemical Company ling; Washington Street	F	

r i of

Date:	04/11/2005	
Total Attachments: 2 source=61526B DUPON source=61526B DUPON		
RECEIPT INFORMA	TION	
EPAS ID: Receipt Date: Fee Amount:	PAT29087 04/11/2005 \$40	

Rohde, Crystal (CS)

From: Sent: EPAS Server [epas-server@uspto.gov]
Monday, April 11, 2005 2:39 PM

Rohde, Crystal (CS)

To: Subject:

Assignment confirmation receipt ID:PAT29083

Information Classification:

DOW RESTRICTED - For internal use only





ELECTRONIC PATENT ASSIGNMENT SYSTEM (EPAS) CONFIRMATION RECEIPT

The USPTO has received a Patent Assignment submitted through the Electronic Patent Assignment System (EPAS). This is the only acknowledgement of receipt that will be transmitted for this EPAS submission. The submission may not be recalled.

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If you have a technical question, comment or concern about your EPAS submission call 703-308-9723 during business hours or e-mail to epas@uspto.gov. Please have your EPAS receipt ID which is 'EASPAT29083' available when calling or writing for assistance.

A printable version of the Confirmation Receipt is attached to this e-mail.

Electronic Assignment Server at http://epas.uspto.gov

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date

FORM 110 (R 5/97)

Docket Ref. 61526B css

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (WITH PRIORITY RIGHTS)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled:

LOW MOLECULAR WEIGHT ETHYLENE INTERPOLYMERS AND POLYMERIZATION PROCESS

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we, by virtue of my/our employee agreement(s) and contractual agreement(s) between our employer(s) and Union Carbide Chemicals & Plastics Technology Corporation, heald the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for Union Carbide Chemicals & Plastics Technology Corporation. As trustee(s), and for good and valuable consideration and/or the remunaeration received for my/our work from my/our employer, I/we sell, assign and transfer unto:

DUPONT DOW ELASTOMERS L.L.C. 300 Bellevue Corporate Center Wilmington, Delaware 19809 United States of America

United States of Amon	
United States of Amer	vs of the State of DELAWARE, U.S.A. (hereinafter referred to as
the "Assignee");	S Of the State of DELAWARE, U.S.A. (heremane) reached to as
• · · · · · · · · · · · · · · · · · · ·	d to the invention and all rights and powers to make applications,
including provisional applications when permitted by law, for L	
	or equivalent applications in any and all countries, inclinding all
	ternational Convention(s) and Treaties in the name of Assignee,
and do hereby authorize Assignee or its designee to insert here the	
Application No. 10/664,677 Filing Date	September 18, 2003
in country the United States of America	
of the application, on which the claim for priority will be based;	
invention in any and all countries. I/we do hereby agree to assis	
interference, conflict, opposition or litigation which may arise in	
	cations derived from, corresponding to or equivalent to the above
identified application as Assignee may request; and I/we do here	by authorize Assignee or its designee (or nominee(s)) to <u>insert</u>
here any corresponding equivalent	
Application NoFiling L	Da te
in country	
to the above Priority application of any country where that coun	ntry's patent property must be identified and entered hereinabove
for recordal of this Assignment. I/we authorize Assignee or its of	lesignee to translate this Assignment into all languages mecessary;
and we request that any such Letters Patent be issued to Assigne	e; and consent to the recordal of this Assignment, or a Notarial
True Copy thereof, being under covenant not only that I/we have	e full power to make the same, but also that such assigned rights
are not encumbered by any grant, license, or other right heretofo	
Subscribed and Declared by me/us:	
At: treepart Teaas 77541 UST	At:
this 11 day of	this day of , 20
1015 41 day 01 (715 1947 , 20 05	dis day of
Effective as of September 18, 2003	
	l 1
Signature: Dilo & A	Signature:
Full Name: Carlos G. Ortiz	Full Name:
Residence: 1015 Eberhard Street	Residence:
Houston, Texas 77019	
Country: United States of America	Country:
Citizenship: United States of America	Citizenship:
P. O. Address: Same as Residence	P. O. Address:
Employed By: DuPont Dow Elastomers L.L.C.	
	Employed By:
Of Country: United States of America	Of Country:
At:	At:
At: day of, 20	At:thisday of
uns tay or , 20	
	l l
Signature:	Signature:
Full Name:	Full Name:
Residence:	Residence:
Country:	Country:
Citizenship:	Citizenship:
P. O. Address:	P. O. Address:
1	
Employed By:	Employed By:
Of Country:	Of Country:

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

DUPONT DOW ELASTOMERS L. L. C.

300 Bellevue Parkway

Wilmington, Delaware 19809 UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: October 21, 2003

From, the ASSIGNOR:

Carlos G. Ortiz, 1015 Eberhard Street, Houston, Texas 77019, United States of

America

of the invention entitled:

LOW MOLECULAR WEIGHT ETHYLENE INTERPOLYMERS AND POLYMERIZATION PROCESS

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed	at	Wilmingt	on, Delaware 19809, USA	
this	5 th	_day of	October , 2004	
	CORP. SEAL		By: JULIA SHAW Vice President, Administration & General Counsel	

NOTARIAL CERTIFICATE

UNITED STATES OF AMERICA STATE OF DELAWARE County of New Castle))) SS	
On this5 th day ofbefore me, JULIA SHAW, Vice Preside known or identified to me to be the individuand acknowledged the same as a free act and the said limited liability company organize f America.	ent, Administration all described in and valued for uses and p	& General Counsel, who executed the foregoing document purposes therein expressed by authority
further certify that said authority, dated	April 1, 1996	, is based on
an authorization Policy of the said Comp	any,	
which I have seen, appointing the said indiviously foregoing document on behalf of the said lindocument is granted are within the scope of	nited liability compa	any and that the purposes for which said

SEAL

Notary Public



Confirmation Receipt

Your assignment has been received by the USPTO. The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version	ı v 1.1	·			
SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF COM	NVEYANCI	: ASSIGNMENT	5"		
CONVEYING PA	RTY DATA				
		Name	Execution Date		
Dupont Dow Elaste	omers L.L.C		0/05/2004		
RECEIVING PAR					
Name:		nemical Company			
Street Address:	2030 Dow	enter			
City:	Midland				
State/Country:	MICHIGA		A Transition		
Postal Code:	48674				
PROPERTY NUM Property T Application Num	Гуре	Number 10664677			
Fax Number: Correspondence will be as Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	(989)636 sent via US Mail 989-636- CSRohde Crystal R The Dow 1790 Bui	<i>hen the fax attempt is unsuccessful.</i> 954 ∮dow.com			
NAME OF SUBMI	ITTER:	Crystal S. Rohde			
Signature:	Signature: /Crystal S. Rohde/				

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Total Attachments: 3
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source=61526B DUPONT TO DOW#page2.tif
source=61526B DUPONT TO DOW#page3.tif

RECEIPT INFORMATION

EPAS ID: PAT29089
Receipt Date: 04/11/2005
Fee Amount: \$40

Rohde, Crystal (CS)

From:

EPAS Server [epas-server@uspto.gov]

Sent: To: Monday, April 11, 2005 2:55 PM

Subject:

Rohde, Crystal (CS)
Assignment confirmation receipt ID:PAT29089

Information Classification:

DOW RESTRICTED - For internal use only





ELECTRONIC PATENT ASSIGNMENT SYSTEM (EPAS) CONFIRMATION RECEIPT

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A printable version of the Confirmation Receipt is attached to this e-mail.

Electronic Assignment Server at http://epas.uspto.gov

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

FORM 440

ASSIGNMENT

(with Priority Rights) and

INVENTORSHIP DECLARATION

We, ASSIGNOR, of:

DUPONT DOW ELASTOMERS L. L. C.

300 Bellevue Parkway Wilmington, Delaware 19809 UNITED STATES OF AMERICA

a limited liability company organized and existing under the laws of the State of Delaware, United States of America do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Carlos G. Ortiz, 1015 Eberhard Street, Houston, Texas 77019, United States of America

of an invention relating to and entitled:

LOW MOLECULAR WEIGHT ETHYLENE INTERPOLYMERS AND POLYMERIZATION PROCESS

We do hereby declare, for good and valuable consideration assign, and transfer unto:

received, sell,

WE, the ASSIGNEE:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

a corporation organized and existing under the laws of the State of Delaware, United States of America our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Patent in its own name, or in the name of its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute application and any corresponding applications in any and all countries, including all rights to claim priority under all
International Conventions and Treaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the
Priority Number 10/664,677 and Filing Date September 18, 2003
in United States of America
of the application on which the priority will be based; and in and to any Letters Patent that may be issued for said invention in
any and all countries; and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any
interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to
execute any reissue, divisional, continuing or substitute application and assent to their making any applications in other
countries corresponding to the above and below specifically identified application, as may be requested by said Assignee; and
we do hereby authorize said Assignee to insert here the
Corresponding Application No and Filing Date
in the second and in a subjection in any second with the second property must be extend for second of this Assignment, and
of the corresponding application in any country where that patent property must be entered for recordal of this Assignment; and we do hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the recordal of this Assignment being under covenant, not only that we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.
Subscribed and Sworn by us at Wilmington, Delaware 19809, USA
this <u>5th</u> day of <u>October</u> , 2004
DUPONT DOW ELASTOMERS L. L. C.
CORP. SEAL By: Schaw
JULIA SHAW
Vice President, Administration & General Counsel

Attach Notarial Certificate (Corporation)

●550 ● 550

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number. FORM 550

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AM	ERICA)			
STATE OF DELAWARE) SS			
County/Parish of New Cast	le)			
On this5 th day of me, JULIA SHAW, Vice President known or identified to me to be the sand acknowledged the same as a soft the said limited liability compared for America.	dent, Administratine individual descri free act and deed for	ion & General Co ibed in and who ex or uses and purpose	unsel, ecuted the foregoing es therein expressed l	document by authority
I further certify that said authority policy of the Company,	, dated <u>April 1</u>	l, 199 6	_, is based on author	<u>ization</u>
which I have seen, appointing the foregoing document on behalf of document is granted are within the	the said limited lial	bility co mpany and	that the purposes for	r which said
SEAI	Diann	Water Bubble	Mulax	

●660 ● 660 ■ 660

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number. FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

THE DOW CHEMICAL COMPANY

	2030 Dow Center Midland, Michigan 48674 UNITED STATES OF AMERICA			
hereby accept the ASSIG	NMENT attached hereto which is dated: October 5, 2004			
From, the ASSIGNOR:	DUPONT DOW ELASTOMERS L. L. C. 300 Bellevue Parkway Wilmington, Delaware 19809 UNITED STATES OF AMERICA			
of the invention entitled:	·			
LOW MOLECULAR V PROCESS	VEIGHT ETHYLENE INTERPOLYMERS AND POLYMERIZATION			
<u> </u>	nd with all rights and obligations deriving therefrom and declare that this ce shall be deemed a part of the said ASSIGNMENT.			
	nd, Michigan 48674, USA			
this 8 day of _	October, 2004			
	THE DOW CHEMICAL COMPANY			
CORP. SEAL	By: Michael & Slen			
r	MICHAEL L. GLENN			
	Authorized Representative			
NOTA	RIAL CERTIFICATE (Corporation)			
UNITED STATES O	OF AMERICA)			
STATE OF MICHIGAN) SS				
County/Parish of Mic	iland)			
On this <u>8</u> day	of October, 2004, personally appeared			
before me, MICHAEL known or identified to me and acknowledged the sai	L. GLENN, Authorized Representative, e to be the individual described in and who executed the foregoing document me as a free act and deed for uses and purposes therein expressed by authority accorporated under the laws of the State of Delaware, United States of			
I further certify that said :	authority, dated February 13, 2003, is based on			
A Resolution of the Boa	rd of Directors of the said Corporation			
foregoing document on b	nting the said individual Attorney-in-fact with full power to sign the chalf of the said corporation and that the purposes for which said document is ope of the objects or activities of said corporation.			
SE AT				
SEAL	Notary Public			
	Ann Heritier Notary Public, Bay County, Michigan Action in Midland County			

Acting in Midland County

My Commission Expires December 03, 2006

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